Carephone 10

BOSCH

en User Manual

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1 Identification

1.1 Document

Name	No.
User Manual	953.43d

Table 1.1 Document No.

Version	Description
v2.0 | 2009.01	Second Edition

Table 1.2 Version Management

1.2 Customer support addresses

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2 Presentation

2.1 General description

With the Carephone 10, you have the ability to contact an Alarm Monitoring Center at any time in case of emergency. When an alarm is issued, the Carephone calls the pre-programmed Alarm Monitoring Center and gives information about who issued the alarm, and why.

In case of assistance alarm, a speech connection is established, enabling you to speak directly to the operator of the Alarm Monitoring Centre.

2.2 Content of the basic kit

- Carephone 10
- Wristband Transmitter
- Power adapter
- Telephone plug and modular cord
- User manual

2.3 Carephone 10 overview

Fig. 2.1 Top view

1. Loudspeaker
2. LED indicator
3. Yellow SERVICE button
4. Green STOP button
5. Microphone
6. Red ALARM button

2.4 Wristband Transmitter overview

1. Alarm button
2. LED Indicator

Your Wristband Transmitter is a wireless alarm transmitter with which you can issue an alarm. When the Wristband Transmitter's alarm button is pressed, it automatically orders the Carephone to call an Alarm Monitoring Centre.

It is small and can easily be carried on your wrist or around your neck. You should always carry it with you at home or place it next to the bed at night.

2.5 LED indicator signaling on the Carephone

Your Carephone has a LED indicator that shows its status.

Status	**LED**
Standby mode (normal operation)	GREEN (permanent)
Passive alarm off	GREEN (slow blinking)
Presence marking	GREEN (fast blinking)
Power failure	GREEN (slow flash)
Carephone battery failure	GREEN with RED flashes
Carephone not programmed	RED / GREEN (slow blink)
Programming / test mode	RED / GREEN (fast blink)
Speech connection alive	RED (permanent)
Line error	RED (slow blinking)
Active alarm	RED (fast blinking)
Power and battery failure	RED (slow flash)
Radio button failure	RED (fast flash)

Table 2.1 LED Indicator

3 Receiving Alarms on the Telephone

Most alarms are sent directly to an Alarm Monitoring Centre. This is normally the safest way, since an Alarm Monitoring Centre is in use 24 hours a day. But it is also possible to send alarms, for example, to a relative. To receive alarms, all you need is a tone dialing telephone (with * and # buttons).
To receive alarms, act as follows:

1 When you answer the call, you'll hear a beep from the Carephone every other second. Acknowledge the alarm by pressing [4] on your telephone.

2A In case of assistance alarm, a speech connection is opened, and you can speak directly with the person who issued the alarm.
Control the direction of the speech by pressing [7] to listen and [8] to speak (if the Carephone is equipped with a duplex unit, this is done automatically). The Carephone automatically terminates the call 3 minutes after the last time you pressed a button. By pressing [4], you prolong the call by an extra 3 minutes.

2B In case of a technical alarm without a speech connection, the Carephone indicates the alarm type by a beeping sequence (see below).

Number of beeps	Alarm type
1	radio battery
2	central unit battery
4	power failure
5	power normal

3 If you would like to control the Carephone's output (additional feature), just press [9].

4 End by pressing [0] and thereafter, hang up.

4 Testing and Programming

Your Carephone has a built-in function that enables you to perform a range test of a radio unit, e.g. your Wristband Transmitter, without issuing an alarm. You can also install new radio units and erase old ones, e.g. when replacing your Wristband Transmitter. Your Carephone has allocations for four radio units with the following basic functions (if you want other functions, contact your supplier).

1. Assistance alarm
2. Assistance alarm
3. Panic alarm
4. Smoke alarm

Proceed as follows.

4.1 Start

Press the STOP button while turning the power switch from OFF to ON. The Carephone now enters the test/programming mode, the LED indicator switches between green and red. Now, choose among the following alternatives: range test, installation of a radio unit, or erase all radio units.

4.2 Range test

Walk around in the apartment and press the Wristband Transmitter. When the Carephone recognizes the radio signal from your Wristband Transmitter, it beeps. Check that the covered area is acceptable.

4.3 Installation of a radio unit

1. Choose which radio unit to install by pressing the ALARM button 1 to 4 times. The Carephone indicates chosen unit with 1 to 4 beeps.
2. Press the button of your radio unit, e.g. your Wristband Transmitter. If the Carephone accepts the new radio unit, the LED indicator turns green and the Carephone beeps continuously. If the LED indicator turns red, the radio unit is already installed in another place.
3. Accept the installation by pressing the ALARM button.

4.4 Erase all radio units

1. Press the ALARM button for more than 3 seconds. The LED indicator turns green and a continuous beep starts.
2. Accept the erasing by pressing the ALARM button.

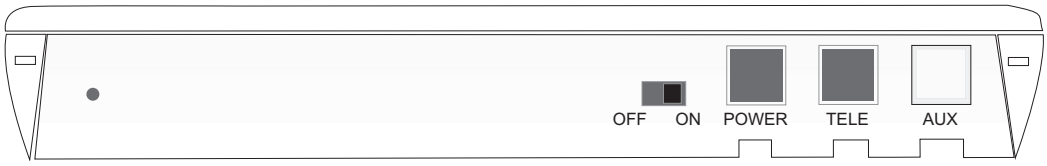
4.5 End

Quit and return to normal mode by pressing the STOP button. The LED indicator returns to green.

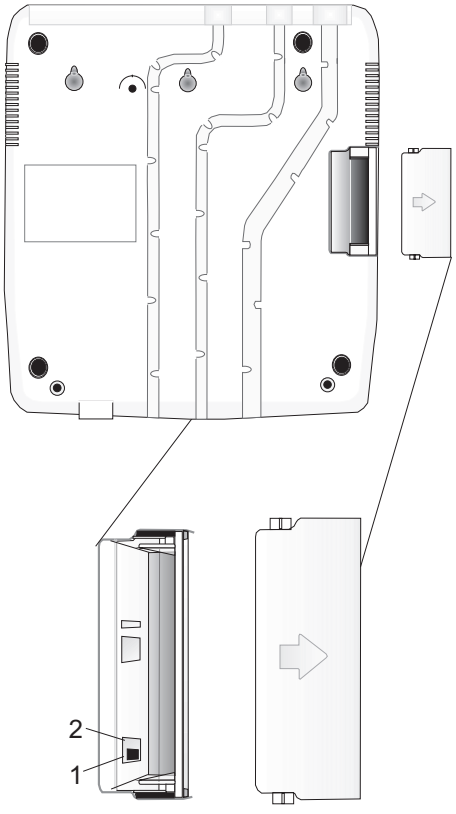
NOTICE!
After an installation, you should always test the new radio unit by activating an alarm with it.

5 Installation

1. No programming of the Carephone is needed; your supplier has already done this. Place the Carephone close to a mains socket and a telephone socket, it should be connected to your first telephone socket. It can be placed on a table or mounted on a wall, the distance between the screw holes is 135 mm.



2. Connect the Carephone's modem plug directly into the telephone wall socket (a). Connect the modular cord to the outlet marked TELE on the backside of the Carephone and the modem plug. Thereafter, connect the telephone's telephone plug into the Carephone's modem plug (b).

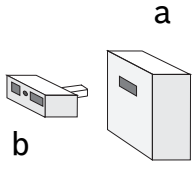


3. Put the power adapter into an ordinary mains socket and connect the cord to the outlet marked POWER on the backside of the Carephone.

4. When the Carephone leaves the factory, it's preset for tone dialing (1). If your telephone connection requires pulse dialing (2), this must be set. The setting is done with a switch located in the small compartment on the bottom side of the Carephone.

5. Be sure that the wire aerial on the backside of the Carephone (not on all models) hangs freely, and that nothing covers the microphone on the front of the Carephone.

6. Turn on the switch (ON) on the backside of the Carephone (it must always be OFF when the Carephone is not in use). The Carephone is now ready for use. The LED indicator should be green.



7. Make a test alarm by pressing your Wristband Transmitter. If you don't get in contact with an Alarm Monitoring Centre, contact your supplier immediately.

6 Functions

6.1 Issue an alarm

An assistance alarm is issued by pressing the red ALARM button on the Carephone or by pressing your Wristband Transmitter.

When an alarm is active, the LED indicator blinks red and the Carephone beeps. After a pre-alarm time of 10 seconds, the Carephone dials up an Alarm Monitoring Centre. When a connection is established, the LED indicator turns to a steady red and you are now able to speak directly to the operator of the Alarm Monitoring Centre. Explain what you want, and the operator of the Alarm Monitoring Centre will help you.

When the operator of the Alarm Monitoring Centre has handled your alarm, your Carephone goes back into normal mode and the LED indicator turns green.

If the Carephone has failed to contact the Alarm Monitoring Centre, it automatically tries again until it has succeeded. If your telephone is in use when an alarm is issued, the telephone is automatically cut off and the alarm has first priority (this is only valid if your Carephone is connected before your first telephone).

6.2 Cancel an alarm

If by mistake you activate an alarm, you can cancel it by pressing the STOP button. Some automatic alarms can’t be cancelled, e.g. battery alarms.

6.3 Telephone line monitoring

Your Carephone automatically monitors your telephone line. If an error occurs on the line, the Carephone beeps every other second, and the LED indicator slowly blinks red until the error has been eliminated.
The beep can be silenced by pressing the STOP button on your Carephone.

6.4 Power failure

If a power failure should occur, the internal battery is automatically activated, and your Carephone continues to work properly for up to 5 days. When a power failure occurs, the Carephone beeps continuously for 10 seconds, and the LED indicator starts to blink red (short blink).

When a power failure lasts more than 1 hour, an alarm is activated. If this occurs, a message is also issued when the power returns to normal. When about 20% of the battery’s capacity remains an alarm is activated that states that the battery is weak.

When the power returns to normal, the battery is being recharged. After a long power failure, it can take up to 24 hours for the battery to regain full charge.

6.5 Panic alarm

Your Wristband Transmitter can also function as a panic alarm (radio unit 3). Panic alarm means that the Carephone is totally quiet when an alarm is issued, and the Alarm Monitoring Center can only listen to what’s happening through your Carephone.

6.6 Smoke alarm

Your Carephone can also be completed with a wireless smoke alarm (radio unit 4). For more information, please contact your local dealer.

6.7 Battery error / Wristband Transmitter

The alarm button automatically sends a daily test message to the Carephone. Therefore, even without pressing the button, your Carephone permanently monitors the transmitter battery and optionally supervises a function problem (available for radio unit 1 and 2). Afterwards, your monitoring center receives a message about the detected failure.

When you press the Wristband Transmitter, the LED indicator will emit a steady light.

If nothing happens when you press the Wristband Transmitter, you have to activate the alarm by pressing the ALARM button on your Carephone.
In this case, you must contact your local dealer immediately.

6.8 Miscellaneous

Your Carephone can also handle functions such as periodical test alarms, activity monitoring and presence control.

It can also, as an option, be equipped with an IO-board for wired alarms, e.g. a pull cord. The functions mentioned here are just a few examples of the functions your Carephone is equipped with. For more information, please contact your local dealer.

6.9 SERVICE and STOP buttons

By default, the STOP button is the green key and the SERVICE button is the yellow key. Their functionality can be changed through programming.

Depending on the programming of the Carephone, the function key can allow different functions.

6.9.1 Service call

Press the function key to call a separate service.

6.9.2 Presence marking

Pressed when staff arrives. Sets the carephone in presence mode and sends a message to the monitoring center (option).

6.9.3 Home / Away

On pressing the SERVICE button, you activate or turn off the passive alarm. An acoustical signal is sent when the passive alarm is turned off.

7 Appendix

7.1 EC-Declaration of conformity

Security Systems

BOSCH

CE

EC-Declaration of Conformity

The undersigned, representing the following manufacturer

Manufacturer

TeleAlarm SA, Bosch Group
Security Systems, Product Group Care Solutions

Address:

Rue du Nord 176
2300 La Chaux-de-Fonds
SWITZERLAND

hereby declare that the following product(s)

Carephone AP1337 XX (XX: country code)

is (are) in conformity with the regulations of the following marked EC-directive(s) and bear(s) the CE mark accordingly

	reference number	title
☒	89/336/EEC	EMC Directive (EMC)
☒	2006/95/EC	Low-Voltage Directive (LVD)
☐	89/106/EC	Construction Products Directive (CPD)
☒	1999/5/EC	Radio equipment and Telecommunications Terminal Equipment (R&TTE), according to annex V
☐	94/9/EC	Electrical Apparatus for Potentially Explosive Atmospheres (ATEX), according to annex IV and VII

The conformity of the product(s) with (above ticked) EC directives is provided by the compliance with the following standard(s):

Standard(s) / date
EN 60950-1 / 2006
EN 61000-6-3 A2 / 2007
EN 50130-4 A2 / 2003, EN 301489-3 / 2002
EN 300220-1 / 2006, EN 300220-2 / 2007

Place, date:

La Chaux-de-Fonds,
21.12.2007

Vice President Business Unit
Printed name:
Bernd Riedemann

R+D Manager Business Unit
Printed name:
ppa Ludovic Stauffer

Document No.: *Version:*

Template ST10-Q6507_Declaration-of-Conformity, Version 1.02, Date: 26-Jul-07 Page 1

Annex to CE Declaration of Conformity

Document No.: , version:

Number(s) of test report(s) /date

14'992 (Montena): Test report for electrical safety / 24.10.2007
PB-2007-50: EMC, EN50130-4 / 23.10.2007; PB-2007-49: EMC, EN61000-6-3 / 17.10.2007
EMC071220JLC01: EN 300220-2 / 20.12.2007
EMC071220JLC01: EN 301489-3, EN50130-4 / 20.12.2007

TeleAlarm®

EC Declaration of Conformity

We, TeleAlarm SA, Rue du Nord 176, 2300 La Chaux-de-Fonds, Switzerland, hereby declare under our sole responsibility that the product(s):

Name:	**TeleAlarm**
Model(s):	**S37**
Product description(s):	**Radio button** (social alarm wireless trigger)

to which this declaration relates, is (are) in conformity with the essential requirements of the Directives **R&TTE 1999/5/EC**, **LVD 73/23/EEC**, **EMC 89/336/EEC**, and the following Standards and other Normative Documents:

EN 60950-1:2001 / A11:2004
ETS 300220-2:2000
EN 61000-4-2:1995 / A1:1998 / A2:2001
EN 50134-2:2001
EN 55022:1998 / A1:2000 / A2:2003
ETS 300220-3:2000
EN 61000-4-3:1996 / A1:1998 / A2:2001

La Chaux-de-Fonds, December 12th, 2005.

QUALITY DIN EN ISO 9001 CERTIFIED CE

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